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**PHOTOGRAPHIC
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REPORT**

**AIRCRAFT REVETMENT
CONSTRUCTION
NORTH KOREA**

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AIRCRAFT REVETMENT CONSTRUCTION, NORTH KOREA**ABSTRACT**

1. This report contains information on aircraft revetment construction at ten transport/utility airfields and a highway airstrip in North Korea. The information is derived from KEYHOLE photography obtained during May and June 1974. The report includes a location map, four photographs, and a table.

INTRODUCTION

2. In continuing efforts to improve its air facilities, North Korea has recently begun a program of aircraft revetment construction and repair at over one-third of its transport/utility airfields. Revetment construction has also been observed at one highway airstrip. This construction activity was first observed in May 1974. When completed, these newly constructed or refurbished revetments will significantly increase aircraft parking and storage capacity at these air facilities.

BASIC DESCRIPTION**Transport/Utility Airfields**

3. Revetment construction has been observed at ten of the 25 transport/utility airfields in North Korea (Figure 1 and Table 1). Nine of these ten are in the southern portion of the country within 60 nautical miles (nm) of the Demilitarized Zone (DMZ). With the exception of Yongsang-ni, no aircraft have been observed at these airfields, and support facilities are extremely limited. However, all of the fields consist of either a serviceable sod or graded-earth runway capable of supporting light utility aircraft.

4. At least 71 newly constructed or refurbished aircraft revetments have been identified at these ten transport/utility airfields. The majority of these earthen revetments are similar in size and configuration to those previously observed at transport/utility airfields in North Korea. They are large enough to accommodate at least two COLT aircraft.

5. The distance from and accessibility to the runway of these recently constructed revetments vary. At Haeju Northeast (Figure 2) ten newly constructed revetments are near the runway and are connected by a dispersal taxiway. A dispersal taxiway is not yet evident at Hoeyang Southeast (Figure 3), where four revetments are under construction near the runway. At three of the ten airfields where revetment construction is in progress (Kumgang, Ichon, and Yongsang-ni) revetments are situated at least 1 nm from the runway. Yongsang-ni (Figure 4) is an operational COLT airfield with at least 11 new revetments currently under construction approximately 1 nm southeast of the runway. At least 27 aircraft revetments are now present at this field.

Highway Airstrip

6. Revetment construction has been observed at only one of the 18 highway airstrips in North Korea. At Kojo Highway Airstrip, approximately 26 nm north of the DMZ, four revetments were seen in the early stage of construction near the runway (Figures 1 and 5 and Table 1).

Trends and Comments

7. With an increase of at least 75 aircraft revetments at ten transport/utility airfields and one highway airstrip, the potential for future aircraft deployment to these airfields will be greater. However, runway improvement and support facility construction have not been observed at these air facilities.

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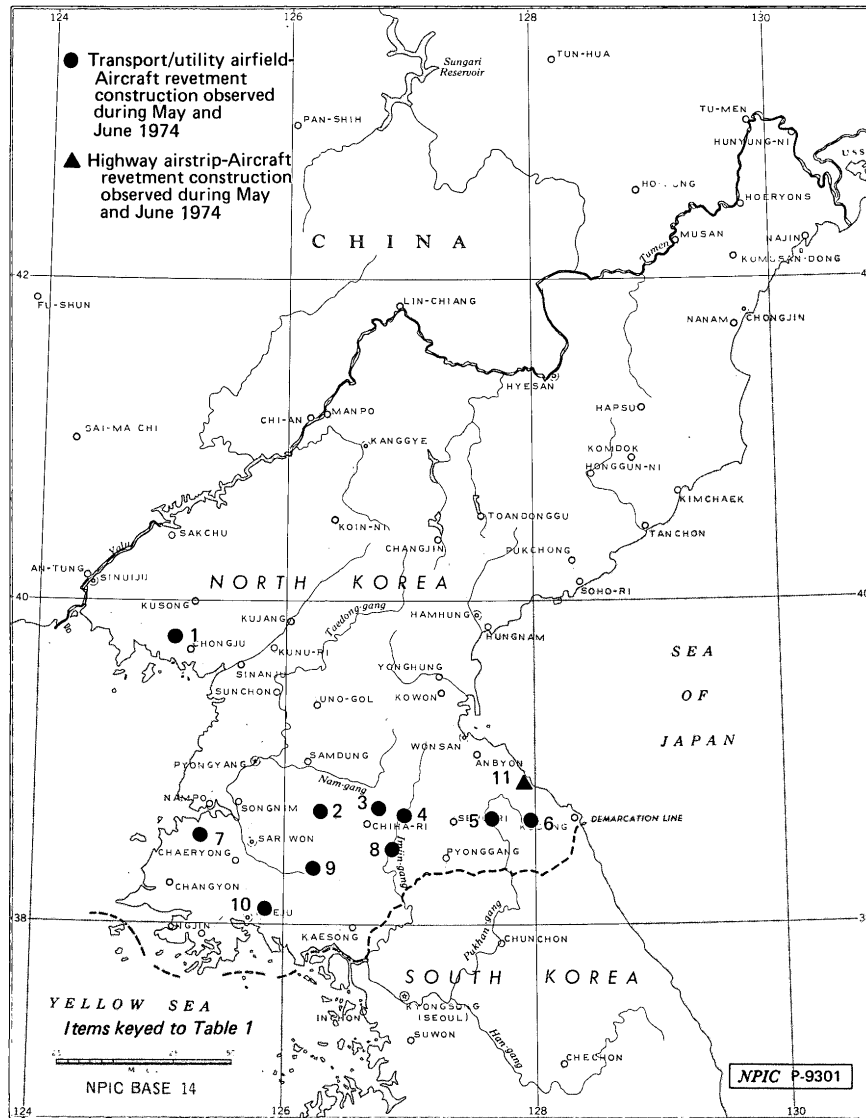


FIGURE 1. AIRCRAFT REVETMENT CONSTRUCTION IN NORTH KOREA

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Table 1. Aircraft Revetment Construction in North Korea
(Items keyed to Figure 1)

Item	Installation Name	Geographic Coordinates	Runway Length (ft)	Runway Orientation	Number of Revetments Under Construction
1	Yonsang-ni	39-43-50N 125-06-47E	4,265	NE/SW	11
2	Toha-ri North	38-41-58N 126-17-17E		East/west	5
3	Koksan SE	38-42-52N 126-43-20E	3,300	NW/SE	4
4	Ichon NE	38-40-10N 126-55-40E		NNE/SSW	4
5	Hoeyang SE	38-39-30N 127-39-00E		NW/SE	4
6	Kumgang	38-38-25N 127-59-20E		North/south	10
7	Unchon-up SW	38-33-00N 125-20-24E	2,600	NNE/SSW	3
8	Ichon	38-28-40N 126-51-45E		WSW/ENE	10
9	Sinmak South	38-21-23N 126-13-17E	2,100	North/south	10
10	Haeju NE	38-07-40N 125-51-10E	3,445	ENE/WSW	10
11	Kojo Highway Airstrip	38-50-42N 127-52-46E		NE/SW	4

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REFERENCES

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MAPS OR CHARTS

ACIC. Series ONC, Sheets F-9 and G-10, scale 1:1,000,000 (UNCLASSIFIED)

RELATED DOCUMENT

NPIC. [REDACTED], PIR-026/74, *Summary of Air Activity, North Korea, March 1973 - March 1974*, May 74,
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REQUIREMENT

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